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UNITED STATES PATENT AND TRADEMARK OFFICE****DATE: October 2, 2006**

**Mail Stop: AF** : **RE: Submission of Response to Office Action dated**  
**Examiner: Kish, James M.** : **August 1, 2006**  
**Art Unit: 3737** : **Serial No.: 10/611,296**  
**Fax: 571-273-8300** : **Applicant: Sara Rose Hertel et al.**  
**From: Evan R. Sotiriou, The** : **Filed: July 1, 2003**  
**Small Patent Law Group LLP** :  
: **Atty. Dkt. No.: 125736 (SPLG 12553-1015)**  
: **Title: SYSTEMS AND METHODS FOR**  
: **ANALYZING AN ABNORMALITY OF AN**  
: **OBJECT**

**DOCUMENTS SUBMITTED WITH TRANSMISSION:**

- Facsimile Transmittal (1 page)
- Amendment Transmittal (1 page, *no fees*)
- Amendment in Response to Office Action dated August 1, 2006 (5 pages)

**Total pages including cover page: 7*****If all pages are not received, please contact: Kimberly Sansone at 314-584-4086*****CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that these papers are being facsimile transmitted to the U.S. Patent and Trademark Office, Facsimile Number 571-273-8300, on the date shown above.



Evan R. Sotiriou, Reg. No.: 46,247

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OCT 02 2006

PATENT  
125736 (SPLG 12553-1015)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Sara Rose Hertel et al. :  
Serial No.: 10/611,296 : Art Unit: 3737  
Filed: July 1, 2003 : Examiner: Kish, James M.  
For: SYSTEMS AND METHODS FOR :  
ANALYZING AN ABNORMALITY :  
OF AN OBJECT :

Mail Stop: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## TRANSMITTAL

1. Transmitted herewith are:
- Facsimile Cover Sheet (1 pg.)
  - Amendment Transmittal (1 pg., *NO FEES*)
  - Request for Reconsideration - Response to Office Action dated August 1, 2006 (5 pgs.)

## STATUS


2. Applicant  
☒ is other than a small entity.

## EXTENSION OF TERM

- ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

## FEE FOR CLAIMS

- ☒ No additional fee for claims is required. If any additional extension and/or fee are required, charge Deposit Account No. 07-0845.

Date: October 2, 2006  
Evan R. Sotiriou, Reg. No. 46,247  
THE SMALL PATENT LAW GROUP LLP  
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St. Louis, MO 63101  
(314) 584-4082

PATENT  
125736 (SPLG 12553-1015)

VIA FACSIMILE TRANSMISSION 1-571-273-8300

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Applicants: Sara Rose Hertel et al. :  
Serial No.: 10/611,296 : Art Unit: 3737  
Filed: July 1, 2003 : Examiner: Kish, James M.  
For: SYSTEMS AND METHODS FOR :  
ANALYZING AN :  
ABNORMALITY OF AN :  
OBJECT :

REQUEST FOR RECONSIDERATION

Mail Stop: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In response to the Office Action dated August 1, 2006, and made final, Applicants respectfully request consideration of the following remarks.